

IN THE CLAIMS:

1. (Currently Amended) An arrangement for fixing a gas generator of an air bag unit with an air bag housing with an inflatable air bag fixed therein, the arrangement comprising:

a generator chamber connected to the air bag housing, a gas generator connected to a firing unit, as well as a diffuser, for the gas flowing into the air bag from said gas generator if the air bag is fired, said gas generator chamber having an inner wall; and

a spring-elastic fastening element, whereby said gas generator is accommodated by said generator chamber and said gas generator is mounted at an axial end thereof, in a fixed bearing, said spring-elastic fastening element being pressed in an area of a free axial end of said gas generator lying opposite said fixed bearing between an outer circumference thereof and an inner circumference of said generator chamber axially overlapping said gas generator, said fastening element in a pretensioned state, arched into said generator chamber in the axial direction in a section between an outer wall of said gas generator and said inner wall of said generator chamber, whereby said fastening element digs with an outer circumference thereof to said inner wall of said generator chamber, at least partially embracing said bottom of said gas generator, which is formed at this axial end, and sealing said generator chamber, said fastening element having a radial outer edge, and said radial outer edge digging into said inner wall of said generator chamber.

2. (Previously Presented) An arrangement in accordance with claim 1, wherein said fastening element has an inner lug in a middle inner area of said fastening element.

3. (Previously Presented) An arrangement in accordance with claim 2, wherein said fastening element partially projects through in the area of said inner lug, whereby said bottom of said gas generator, which has a gradation in the axial direction on its contour, is partially embraced by said inner lug of said fastening element.

4. (Previously Presented) An arrangement in accordance with claim 2, wherein said gas generator has a firing unit plug in area in a region of said inner lug formed in said fastening element.

5. (Previously Presented) An arrangement in accordance with claim 1, wherein said fastening element is a stamped metal part made of sheet steel.

6. (Previously Presented) An arrangement in accordance with claim 5, wherein a grounding strap connected to the vehicle ground connection is arranged at said fastening element.

7. (Previously Presented) An arrangement in accordance with claim 1, wherein said fastening element consists of a composite material.

8. (Previously Presented) An arrangement in accordance with claim 7, wherein said fastening element comprises sheet steel extrusion-coated with plastic in a region around said

inner lug and on said inner contour thereof.

9. (Previously Presented) An arrangement in accordance with claim 8, wherein said fastening element can be snapped onto said gas generator with said fastening element having an inner lug, such that said fastening element is premounted on said gas generator, inserted together with said gas generator into said generator chamber and pressed between said gas generator and said generator chamber.

10. (Previously Presented) An arrangement in accordance with claim 1, wherein said fastening element has, on an outer circumference, a microprofiled section that is favorable to a clinging of said fastening element to said inner wall of said generator chamber.

11. (Previously Presented) An arrangement in accordance with claim 10, wherein said microcorners are arranged distributed on the outer circumference of said fastening element.

12-19. (Cancelled)

20. (Previously Presented) An arrangement in accordance with claim 25, wherein said fastening element can be snapped onto said gas generator with said fastening element having an inner lug, such that said fastening element is premounted on said gas generator, inserted together with said gas generator into said generator chamber and pressed between said gas

generator and said generator chamber.

21. (Canceled)

22. (Previously Presented) An arrangement in accordance with claim 1, wherein:  
said fastening element is completely arranged within said generator chamber.

23. (Previously Presented) An arrangement for fixing a gas generator of an air bag unit  
with an air bag housing with an inflatable air bag fixed therein, the arrangement comprising:

a generator chamber connected to the air bag housing, a gas generator connected to a  
firing unit, as well as a diffuser, for the gas flowing into the air bag from said gas generator if  
5 the air bag is fired, said gas generator chamber having an inner wall; and

a spring-elastic fastening element, whereby said gas generator is accommodated by said  
generator chamber and said gas generator is mounted at an axial end thereof, in a fixed bearing,  
said spring-elastic fastening element being pressed in an area of a free axial end of said gas  
generator lying opposite said fixed bearing between an outer circumference thereof and an  
10 inner circumference of said generator chamber axially projecting through said gas generator,  
said fastening element in a pretensioned state, arched into said generator chamber in the axial  
direction in a section between an outer wall of said gas generator and said inner wall of said  
generator chamber, whereby said fastening element clings with an outer circumference thereof  
to said inner wall of said generator chamber, at least partially embracing said bottom of said

15 gas generator, which is formed at this axial end, and sealing said generator chamber;  
a grounding strap connected to a vehicle ground connection and arranged at said  
fastening element.

24. (Previously Presented) An air bag unit arrangement comprising:

a generator chamber having an inner wall;

a gas generator fixed at one end and having an opposite end; and

5 a fastening element connected to said opposite end of said gas generator and being  
pressed into said generator chamber with an outer circumferential surface in contact with said  
inner wall with said fastening element in an arched position in said generator chamber between  
an outer wall of said gas generator and said inner wall, whereby said fastening element clings  
with an outer circumference thereof to said inner wall, at least partially embracing said bottom  
of said gas generator sealing said generator chamber;

10 a grounding strap connected to a vehicle ground connection and arranged at said  
fastening element.

25. (Currently Amended) An air bag unit arrangement comprising:

a generator chamber having an inner wall and axial ends;

a gas generator arranged in said generator chamber, said gas generator having an end;

5 a fastening element arranged at said end of said gas generator and between said gas  
generator and said inner wall of said generator chamber to securely fasten said gas generator

to said generator chamber, said fastening element having an outer circumference arranged axially inward of said axial ends of said generator chamber, said fastening element being shaped and sized to deform into an arched position as said fastening element is pressed into said generator chamber, said arched position biasing said outer circumferential surface against said inner wall of said generator chamber, whereby said fastening element clings with said outer circumference thereof to said inner wall, at least partially embracing said one end of said gas generator, said fastening element being completely arranged within said generator chamber.

26. (Previously Presented) An arrangement in accordance with claim 25, wherein:

said outer circumference of said fastening element is shaped, and the biasing of said outer circumferential surface is of a magnitude, to have said outer circumferential surface dig into said inner wall of said generator chamber.

27.(Canceled)

28. (Previously Presented) An arrangement in accordance with claim 25, wherein:

said arched position of said fastening element is shaped to have axial movement of said gas generator increase a biasing force of said outer circumferential surface against said inner wall of said generator chamber.

29. (Previously Presented) An arrangement in accordance with claim 25, wherein:

said arched position of said fastening element is shaped to have axial movement in a first direction of said gas generator increase a biasing force of said outer circumferential surface against said inner wall of said generator chamber, said arched position of said fastening element is shaped to have axial movement in a second direction opposite to said first direction decrease a biasing force of said outer circumferential surface against said inner wall of said generator chamber.

30. (New) An arrangement for fixing a gas generator of an air bag unit with an air bag housing with an inflatable air bag fixed therein, the arrangement comprising:

a generator chamber connected to the air bag housing, a gas generator connected to a firing unit, as well as a diffuser, for the gas flowing into the air bag from said gas generator if the air bag is fired, said gas generator chamber having an inner wall; and

a spring-elastic fastening element, whereby said gas generator is accommodated by said generator chamber and said gas generator is mounted at an axial end thereof, in a fixed bearing, said spring-elastic fastening element being pressed in an area of a free axial end of said gas generator lying opposite said fixed bearing between an outer circumference thereof and an inner circumference of said generator chamber axially overlapping said gas generator, said fastening element in a pretensioned state, arched into said generator chamber in the axial direction in a section between an outer wall of said gas generator and said inner wall of said generator chamber, whereby said fastening element digs with an outer circumference thereof to said inner wall of said generator chamber, at least partially embracing said bottom of said

15 gas generator, which is formed at this axial end, and sealing said generator chamber, said fastening element being completely arranged within said generator chamber.